ABSTRACT

Compounds represented by formula 1:

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wherein $\mathbf{R^1}$ is H, halogen, (C_{14}) alkyl, $O(C_{14})$ alkyl, and haloalkyl; $\mathbf{R^2}$ is H or methyl; $\mathbf{R^3}$ is H or (C_{14}) alkyl; $\mathbf{R^4}$ is H or (C_{14}) alkyl; $\mathbf{R^5}$ is (C_{14}) alkyl, (C_{14}) alkyl, (C_{3-7}) cyclo-alkyl or (C_{3-7}) cycloalkyl; and \mathbf{W} is a fused phenyl-5 or 6-membered heterocycle having one or two heteroatoms selected from N or S; or \mathbf{W} is phenyl, 1,1-biphenyl, 2,3-dihydro-1H-indene, 1,2,3,4-tetrahydronaphthyl, or naphthyl; said \mathbf{W} being optionally substituted with (C_{14}) alkyl, which in turn can be optionally substituted with a carboxy or (C_{14}) alkoxycarbonyl, or a salt or ester thereof. The compounds have inhibitory activity against Wild Type, single and double mutant strains of HIV.